

FOURTH TEXAS RANDOM SAMPLE EGG PRODUCTION TEST REPORTS

Texas Agricultural Experiment Station

Cooperative with the Texas Poultry Improvement Association

Report No. 7

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FORT COLLINS, COLORADOMAR
1958 3

This seventh report covers the period from January 20-February 16, 1958, and was prepared with the assistance of Joe Wakefield and Bill Cawley, National Poultry Improvement Plan Supervisors. The report includes mortality, feed conversion, egg grades in percent, egg value per bird, feed cost, income over feed cost, and income over feed and chick cost for each entry in the Fourth Texas Random Sample Egg Production Test. The average feed conversion for all entries during this 28-day period was 4.6 lbs. of feed per dozen eggs and the average production (hen-housed basis) was 69.0 percent.

The birds were hatched April 5, 1957, at which time they were placed intermingled in two brooder houses for ten weeks. At ten weeks each entrant's chicks were divided at random and placed in replicate pens - one in each brooder house. At 142 days of age (August 26, 1957), all surviving birds were weighed and 24 pullets from each of the two rearing pens for each entry were selected at random and placed in laying cages. Each entry consists of 6 groups of 8 birds each or a total of 48 birds. All birds have been in cages 174 days and they are 317 days of age. The duration of the test will be 450 days from date of hatch.

The chicks for the Fifth Texas Random Sample Egg Production Test have been hatched and are now being brooded intermingled for the first ten weeks in one brooder house. At ten weeks of age the birds will be separated by entries and placed in replicate pens.

Egg prices per dozen for this period are considerably lower than the previous month. They are as follows: Extra large and large A, 37.94¢; large B, 32.79¢; medium A, 33.04¢; small A, 29.50¢; medium and small B's and all C's, 19.67¢; peewees, 15.00¢; chex, 10.00¢; meat and blood spots, no value. Egg weight classes are as follows: extra large, 27 oz. per dozen or over; large, 24-27 oz.; medium, 21-24 oz.; small, 18-21 oz.; and peewees, below 18 oz. per dozen. To compute cost of feed, the all-mash cage layer ration was valued at \$4.05 per cwt.

Bill H. Doran, Supervisor, Random Sample Tests

TEXAS AGRICULTURAL EXPERIMENT STATION

R. D. Lewis, Director, College Station, Texas

MORTALITY, EGG PRODUCTION, FEED, AND INCOME RECORD

January 20 - February 16, 1958

Pullets 317 Days of Age

Report No. 7

Breeder	Mortality		Per Cent Prod.		Per Cent Prod.		Lbs. Feed/		Income Over	
	To	Date	(Hen Housed)	To Date	(Hen Days)	To Date	Doz. Eggs To	Date	Feed Cost	Chick Cost
1 Ames	1	3	51.9	50.5	54.4	51.9	5.6	5.7	\$.550	-.050
2 Arkansas	-	1	64.6	55.7	66.0	56.0	4.6	5.1	\$.748	\$.348
3 Atwood	2	2	67.8	63.9	69.1	64.1	4.5	4.6	\$.215	\$.795
4 Brender	-	1	64.9	56.0	66.3	56.7	5.0	5.3	\$.902	\$.462
5 Cherokee	-	-	71.8	59.0	71.8	59.0	4.4	4.8	\$.102	\$.642
6 Colonial	1	3	68.4	57.6	71.5	58.7	4.4	4.9	\$.004	\$.555
7 Creighton	-	1	71.1	64.0	72.6	64.3	4.5	4.7	\$.044	\$.594
8 D & C	-	-	75.9	66.1	75.9	66.1	4.3	4.5	\$.522	\$.112
9 DeKalb	-	-	70.1	60.2	70.1	60.2	5.0	5.0	\$.059	\$.459
10 DeWitt	1	1	69.4	55.3	70.2	55.4	4.4	5.0	\$.986	\$.596
11 Eby	-	-	64.2	53.0	64.2	53.0	4.7	5.2	\$.971	\$.621
12 F. Crest	-	-	65.8	56.9	65.8	56.9	5.1	5.4	\$.727	\$.127
13 Flinn	-	-	72.7	57.7	72.7	57.7	4.4	5.0	\$.987	\$.527
14 Gasson	-	4	60.6	54.6	66.2	55.9	4.9	5.3	\$.856	\$.406
15 Ghostley	-	2	75.2	65.8	78.5	67.3	4.3	4.6	\$.157	\$.717
16 Golden Oak	1	1	76.8	65.7	78.4	65.9	4.3	4.6	\$.433	\$.023
17 Grigsby	1	3	68.0	63.9	72.4	65.0	4.4	4.5	\$.345	\$.745
18 Hanson	-	5	63.5	55.9	70.8	59.2	4.7	5.1	\$.601	\$.151
19 Hy-Line	-	-	72.5	65.2	72.5	65.2	4.2	4.4	\$.168	\$.578
20 Ideal	1	1	75.3	64.3	76.1	64.4	4.2	4.5	\$.377	\$.967
21 Kazmeier-Sherrill	-	1	72.6	62.9	74.2	63.3	4.4	4.6	\$.312	\$.722
22 Kimber-Western	-	-	69.0	62.9	69.0	62.9	4.6	4.8	\$.265	\$.785
23 Raymond McD.	-	2	64.0	54.6	66.8	56.1	5.0	5.5	\$.483	\$.134
24 Roy McD.	1	2	70.6	59.6	73.5	60.0	4.5	5.0	\$.016	\$.677
25 Swift	-	2	66.4	52.5	69.3	54.3	4.7	5.5	\$.613	\$.163
26 Vance	-	-	73.2	67.5	73.2	67.5	4.3	4.4	\$.362	\$.942
27 Von Minden	-	-	67.6	54.2	67.6	54.2	4.8	5.4	\$.782	\$.182
28 DeKalb	-	1	67.1	60.2	68.5	60.9	4.8	5.0	\$.049	\$.449
29 Williams	-	-	76.4	68.5	76.4	68.5	4.0	4.2	\$.382	\$.962
30 Wilson	-	-	71.4	62.1	71.4	62.1	4.4	4.6	\$.311	\$.721

Entry Avg.	3	1.2	69.0	59.9	70.5	60.4	4.6	4.9	\$.044	\$.570
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EGG GRADES, EGG VALUE, AND FEED COST

January 20 - February 16, 1958

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Breeder	Egg Grades In Per Cent								Egg Value/			Feed Cost/	
	Ex-	Lg. A	Lg. B	Med. A	Sm. A	Med. & Sm. B & All Pee			*Meat & Blood	Pullet		Pullet	
	tra					Chex	Spots	For Mo.		To Date	For Mo.	To Date	
	Lge. A												
1 Ames	24.5	60.6	-	11.7	2.1	-	-	-	1.1	.446	2.858	.276	2.307
2 Arkansas	9.2	62.2	-	26.9	-	-	-	-	1.7	.544	2.992	.278	2.244
3 Atwood	18.3	56.7	-	19.2	3.3	-	-	-	2.5	.566	3.510	.287	2.295
4 Brender	47.0	47.0	-	3.4	-	.9	-	-	1.7	.560	3.258	.306	2.356
5 Cherokee	30.1	56.4	.8	11.3	-	-	-	.8	.8	.618	3.373	.297	2.271
6 Colonial	20.3	60.8	.7	16.1	.7	.7	-	-	.7	.585	3.249	.283	2.245
7 Creighton	11.3	62.1	-	20.2	2.4	-	-	-	4.0	.585	3.427	.301	2.383
8 D & C	25.7	64.5	-	8.6	-	-	-	-	1.3	.656	3.849	.305	2.328
9 DeKalb	27.4	60.5	.8	8.1	.8	-	-	-	2.4	.598	3.401	.329	2.342
10 DeWitt	35.0	56.9	.7	7.3	-	-	-	-	-	.608	3.201	.290	2.215
11 Eby	51.3	44.5	-	1.7	-	1.7	-	.8	-	.560	3.173	.288	2.201
12 F. Crest	19.0	62.9	.9	14.7	-	.9	.9	-	.8	.561	3.134	.314	2.407
13 Flinn	25.0	54.3	-	18.6	-	-	-	-	2.1	.615	3.279	.304	2.291
14 Gasson	25.9	65.7	1.9	6.5	-	-	-	-	-	.530	3.164	.280	2.308
15 Ghostley	12.2	55.7	1.5	29.0	-	-	-	-	1.5	.628	3.546	.306	2.390
16 Golden Oak	30.4	60.0	-	8.1	-	-	-	-	1.5	.663	3.782	.312	2.350
17 Grigsby	20.0	64.6	-	12.3	.8	.8	-	-	1.5	.579	3.584	.282	2.239
18 Hanson	10.2	62.7	-	22.0	.8	-	-	-	4.2	.521	2.898	.284	2.297
19 Hy-Line	3.7	60.0	-	31.9	1.5	-	-	.7	2.2	.596	3.448	.290	2.280
20 Ideal	26.3	62.8	.7	9.5	-	-	-	-	.7	.652	3.677	.299	2.300
21 Kazmeier-													
Sherrill	24.3	64.6	-	10.4	-	-	-	-	.7	.630	3.630	.299	2.318
22 Kimber-													
Western	41.3	50.8	-	4.8	.8	1.6	-	-	.8	.596	3.644	.303	2.379
23 Raymond													
McD.	15.1	48.2	-	33.1	-	.7	-	.7	2.2	.526	2.877	.305	2.394
24 Roy McD.	25.2	61.7	-	11.3	.9	-	-	-	.9	.610	3.327	.302	2.310
25 Swift	21.0	56.5	-	15.3	-	1.6	-	-	5.6	.540	2.908	.295	2.295
26 Vance	10.3	66.9	.7	17.6	2.2	.8	-	-	1.5	.617	3.711	.297	2.349
27 Von Minden	30.7	60.6	-	6.3	-	-	-	-	2.4	.579	3.086	.304	2.304
28 DeKalb	29.3	59.3	-	8.9	-	.8	-	-	1.6	.575	3.415	.306	2.366
29 Williams	11.6	59.9	.7	22.4	.7	2.7	-	-	2.0	.633	3.694	.291	2.312
30 Wilson	46.0	46.0	1.4	5.8	-	-	-	-	.7	.620	3.605	.298	2.294

Entry Avg.	24.1	58.5	.4	14.2	.5	.4	.03	.04	1.6	.587	3.357	.297	2.312
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FOURTH TEXAS RANDOM SAMPLE EGG PRODUCTION TEST
COLLEGE STATION, TEXAS

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ENTRY NUMBER, BREEDER, ADDRESS, TYPE OF ENTRY
FOR FOURTH TEXAS RANDOM SAMPLE TEST, 1957-58

ENTRY NUMBER	BREEDER	ADDRESS	ENTRY
1	Ames In-Cross Farms	Roland, Iowa	Ames In-Cross #434
2	Arkansas Farmers' Association	Fayetteville, Ark.	AFA Str. Cross W.L.
3	Atwood Hatchery	Comanche, Texas	H&N Nick Chick
4	Brender's Leghorns	Ferndale, New York	Leghorn Cross #333
5	Cherokee Hatchery, Inc.	Tyler, Texas	Honegger Layers
6	Colonial Poultry Farms	Sweetwater, Texas	True-Line #365
7	Creighton Bros.	Warsaw, Indiana	CB Leghorn Cross
8	D & C Hatchery	Hamilton, Texas	H-3-W W.L.
9	DeKalb Agricultural Assoc., Inc.	Sycamore, Illinois	DeKalb #111
10	DeWitt's Texas Hatchery, Inc.	Nacogdoches, Texas	W.L.
11	Eby's Poultry Farm	Carrollton, Texas	W.L.
12	Feather Crest Farms	Bryan, Texas	Ames In-Cross #424
13	Flinn's Hatchery	San Antonio, Texas	Honegger Layers
14	Gasson's Poultry Farm	Versailles, Ohio	Str. Cross Leghorns
15	Ghostley's Poultry Farm	Anoka, Minnesota	Str. Cross W. L.
16	Golden Oak Hatchery	DeLeon, Texas	H-3-W W.L.
17	Grigsby's Hatchery	Georgetown, Texas	DeKalb #101
18	Hanson's Pedigreed Leghorns	Corvallis, Oregon	Str. Cross W.L.
19	Hy-Line Poultry Farms	Des Moines, Iowa	Hy-Line #968
20	Ideal Hatchery & Poultry Farm	Cameron, Texas	H-3-W W.L.
21	Kazmeier-Sherrill Hatchery, Inc.	Bryan, Texas	Hy-Line 934A
22	Kimber Farms, Inc. (Western Hatch.)	Niles, California	K-137 W.L.
23	Raymond McDonald Hatchery	Ft. Worth, Texas	Pure Strain W.L.
24	Roy McDonald Hatchery	Dallas, Texas	Str. Cross W.L.
25	Swift & Company	Taylor, Texas	Sky-Hi #314
26	Vance Hatchery	Shallowater, Texas	H&N Nick Chick
27	Von Minden's Hatchery	Fayetteville, Texas	Ames In-Cross 415B
28	DeKalb Agricultural Assoc., Inc.	Paris, Texas	DeKalb #121
29	Williams Poultry Breeding Farm	Denison, Texas	H&N Nick Chick
30	Wilson Poultry Farm & Hatchery	Clyde, Texas	Hy-Line 934B